

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 84-80

WASTE DISCHARGE REQUIREMENTS FOR:

AUBERGE DU SOLEIL
RUTHERFORD, NAPA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board) finds that:

1. The Auberge du Soleil (hereinafter called the Discharger) currently operates a restaurant located at 180 Rutherford Hill Road, Rutherford, Napa County. Sewage in the amount of 4,400 gallons per day generated from the restaurant is being treated by a septic tank-leachfield system. The leachfield system is now failing.
2. The Discharger submitted a Report of Waste Discharge and consultant's technical report on July 11, 1984 proposing an increase in waste flow as well as a new wastewater treatment and disposal system. Supplemental information was submitted on August 27 and October 5, 1984.
3. The Discharger intends to build a 36-unit inn. Wastewater generated from both the restaurant and the inn was estimated to be up to 9,800 gallons per day. The Discharger proposes to build a new sewage treatment system which includes five 1,500 gallon septic tanks and three aeration ponds. The ponds will have a storage capacity of approximately 3,000,000 gallons while maintaining two feet of freeboard. Two surface aerators will be installed for each pond. (see site map in Attachment A)
4. During wet weather season, wastewater will be stored and treated in the aeration ponds. From April 15 through October 30 of each year, effluent from the ponds will be pumped to a 2.0 acre spray disposal site at a rate of approximately 2.5 inches per week for final disposal. The spray disposal site is a moderately wooded area located to the north of the pond system. The slope of the site ranges from 15% to 40%. Any surface runoff from that area due to spray disposal will be collected in a drainage ditch along the lower end of the spray disposal site and transported back to the ponds.
5. The existing subsurface leachfield system will be abandoned after the pond system is constructed and approved for use.
6. The Board adopted a revised Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan) on July 21, 1982. The Basin Plan contains water quality objectives for the Napa River and tributaries.
7. The beneficial uses contained in the Basin Plan for the Napa River downstream from the vicinity of Auberge du Soleil sewage system are:

- a. Navigation
 - b. Water contact recreation
 - c. Non-contact water recreation
 - d. Warm fresh water habitat
 - e. Cold fresh water habitat
 - f. Wild life habitat
 - g. Preservation of rare and endangered species
 - h. Fish migration and spawning
 - i. Municipal and domestic supply
 - j. Agricultural supply
8. The beneficial uses of the Napa Valley groundwaters as set forth in the Basin Plan includes:
- a. Domestic water supply
 - b. Agricultural water supply
9. The County of Napa determined on the basis of an initial study that the project, as described, will have no significant adverse effect on the environment, and therefore adopted a Negative Declaration regarding this project dated April 18, 1984 in accordance with the California Environmental Quality Act (Public Resources Code Section 2100 et. seq.).
10. The Board has notified the Discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
11. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, the Auberge du Soleil, pursuant to the provisions of Division 7 of the California Water Code, and regulations adopted thereunder, shall comply with the following:

A. Prohibitions

1. There shall be no bypass or overflow of waste to waters of the State from the collection, treatment and storage system.
2. The waste shall not be allowed to escape from the Discharger's aeration/holding pond system and spray disposal site into waters of the State via surface flow, seepage, resurfacing after percolation or airborne spray.
3. Discharging effluent from the ponds except into the designated spray disposal site is prohibited.
4. Wastewater ponding which could provide a breeding area for mosquitos is prohibited.

B. Discharge Specifications

General:

1. Neither the treatment nor disposal of wastes shall create a nuisance or pollution as defined in the California Water Code.
2. The discharge of waste shall not degrade the quality of any ground water suitable for domestic use or cause an increase in any quality parameter that would make ground water unsuitable for irrigation use.
3. The discharger shall maintain in good working order and operate as efficiently as possible any facility or control system installed by the discharger to achieve compliance with the waste discharge requirements.
4. Holding ponds and spray disposal site shall be a fenced area to exclude public contact with wastewater and shall be clearly identified with posted notices or warning sign.

Holding Ponds:

5. The ponds shall be adequately protected from erosion, washout and flooding from a rainfall event having a predicted frequency of once in 100 years.
6. To prevent threat of overflows, a minimum freeboard of 2 feet shall be maintained in the ponds at all times.
7. Waste at the surface of the ponds shall meet the following quality limits at all times:

In any grab sample:

Dissolved Oxygen	2.0 mg/l minimum
Dissolved Sulfide	0.1 mg/l maximum
pH	6.0 minimum 9.0 maximum

8. Waste discharged to the pond system shall not exceed 10,000 gallons per day during any month.

C. Spray Disposal Restrictions

1. No waste shall be applied to the spray disposal area during the periods from November 1 through April 15 or in the event that precipitation or wastewater ponding is present.

2. Waste shall not be applied within 100 feet of any stream, well or housing facility.
3. Surface runoff from spray disposal area during periods it is actually in use shall be collected in a drainage ditch along the lower end of the site. This drainage ditch must be built before any pond effluent be applied to the spray disposal area.
4. All equipment, including pumps, piping, valves, etc., which may at any time contain waste shall be adequately and clearly identified with warning signs, and the producer and users shall make all necessary provisions, in addition, to inform the public that the liquid contained is sewage and is unfit for human consumption.

D. Spray Disposal Water Quality Specifications

1. The wastewater as discharged from the treatment and storage facilities to the spray disposal areas shall be at all times an adequately treated wastewater, and shall meet the following quality limits at all times:

BOD	40 mg/l daily average
Settleable Solids	0.5 ml/l-hr maximum
Dissolved Oxygen	2.0 mg/l minimum
Dissolved Sulfide	0.1 mg/l maximum

2. The discharger shall discontinue the use of reclaimed water during any period in which there is reason to believe the limits specified in D.1. are not being met.

E. Provisions

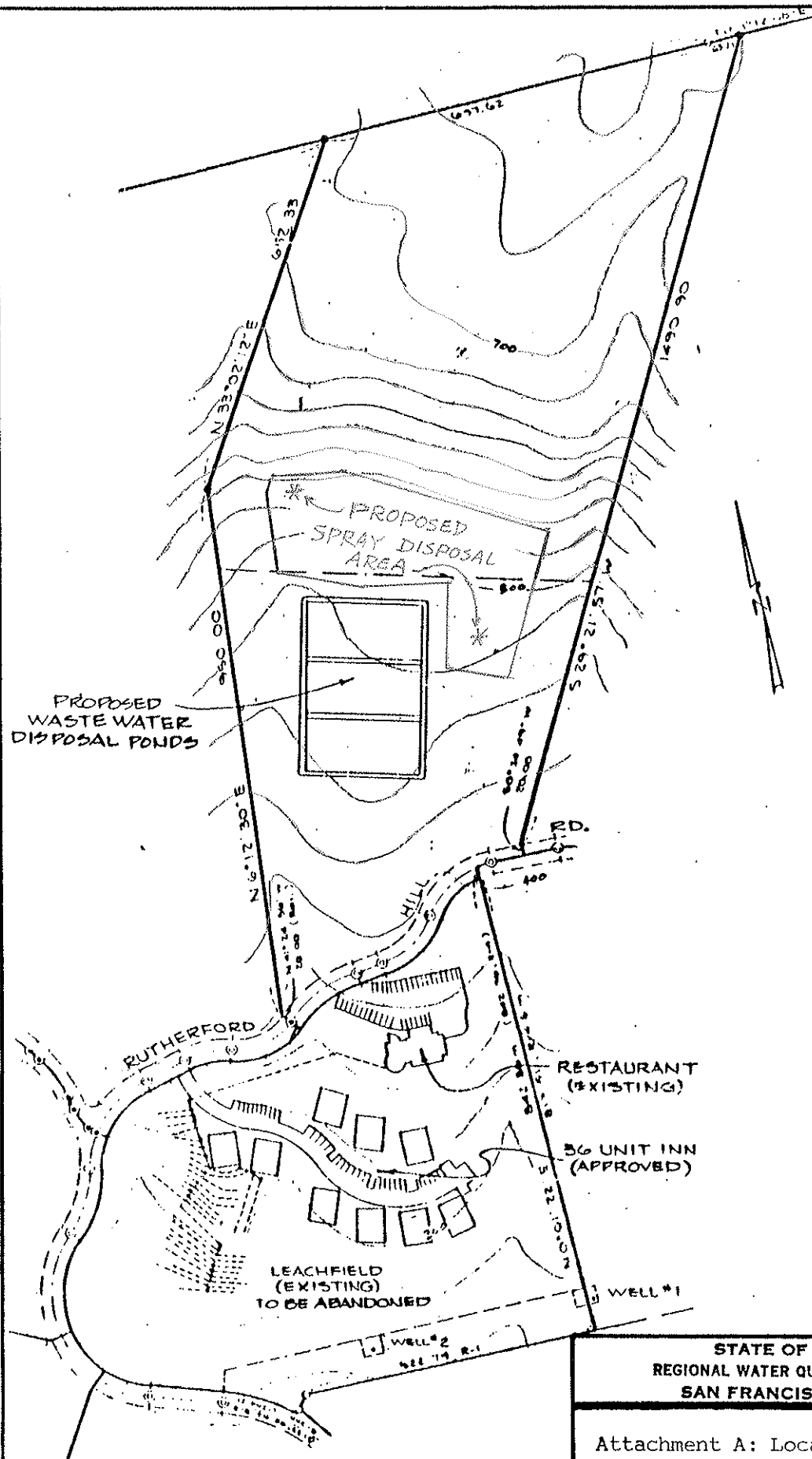
1. The discharger shall comply with all Sections of this Order immediately upon adoption.
2. By October 1 of each year, the discharger shall submit a report to the satisfaction of the Executive Officer containing the depth of freeboard in each pond, and an assessment of the ability of the ponds to maintain the minimum freeboard in the ponds throughout the wet season with anticipated rains and waste inflow.
3. The discharger shall comply with a Self-Monitoring Program as ordered by the Executive Officer.

4. The Board will review this Order periodically and may revise the requirements when necessary.
5. When an approved public sanitary sewer is within 400 ft. of the ponds, the discharger shall submit a technical report to the satisfaction of the Executive Officer and time schedule describing how the ponds will be abandoned and connection made to the sanitary sewer.
6. In the event the discharger is unable to comply with any of the conditions of this Order due to:
 - (a) Breakdown of waste treatment equipment;
 - (b) Accidents caused by human error or negligence; or
 - (c) Other causes such as acts of nature,the discharger shall notify the Executive Officer by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written notification shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to correct the problem and the dates thereof, and what steps are being taken to prevent the problem from recurring.
7. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be forwarded to this Board.
8. The discharger shall permit the Board or its authorized representative in accordance with California Water Code Section 13267(c):
 - a. Entry upon premises in which an effluent source is located or in which any required records are kept.
 - b. Access to copy any records required to be kept under terms and conditions of this Order.
 - c. Inspection of any monitoring equipment or method required by this Order.
 - d. Sampling of any stored or disposed wastewater.
9. The discharger shall file with the Board a report of waste discharge at least 120 days before making any material change or proposed change in the character, location or volume of the discharge.

I, Roger B. James, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region on November 21, 1984.

ROGER B. JAMES
Executive Officer

Attachment: Map
Self-Monitoring Prog



STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

Attachment A: Location Map,
Auberge du Soleil,
Rutherford,
Napa County

DRAWN BY:

DATE:

DRWG. NO.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

FINAL
SELF-MONITORING PROGRAM
FOR

AUBERGE DU SOLEIL

RUTHERFORD

NAPA COUNTY

ORDER NO. 84-80

CONSISTS OF

PART A

PART A

I. GENERAL

Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268, 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as a self-monitoring program, are:

1. To document compliance with waste discharge requirements and prohibitions established by the Regional Board.
2. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge.

II. DESCRIPTION OF SAMPLING STATIONS AND SCHEDULE OF SAMPLING, ANALYSIS AND OBSERVATIONS

A. Pond Influent

Monthly, determine average daily flow, in gallons per day, of wastewater entering the treatment pond system.

B. Aeration Ponds

At any point on the surface of each pond, representative of the wastewater:

1. Monthly, determine dissolved oxygen (D.O.) concentration, mg/l. If D.O. is less than 2.0 mg/l, sample for dissolved sulfide.
2. Monthly, determine pH.
3. Weekly, perform standard observations along perimeter of each pond:
 - a. Evidence of leaching liquid from pond perimeter dike and estimated size of affected area. (Show affected area on a sketch)
 - b. Odor: presence or absence, characterization, source and distance of travel.
 - c. Estimated number of waterfowl and other water associated birds in the ponds and vicinity.
 - d. Determine freeboard, in inches, for each pond: from the water surface to the lowest point in pond perimeter dike.

C. Pond Effluent

At any point in the pond effluent before the point of discharge to the spray disposal site.

1. Monthly, determine Biochemical Oxygen Demand (BOD, 5-day, 20°C) concentration, mg/l.
2. Monthly, determine Dissolved Oxygen (D.O.) concentration, mg/l. If D.O. is less than 2.0 mg/l, sample for Dissolved Sulfides.
3. Monthly, determine Settleable Matter concentration, ml/l-hr.
4. Daily, observe weather condition:
 - a. Wind - direction and estimated velocity.
 - b. Precipitation - total precipitation during the day.
5. Daily, determine total waste flow, in gallons, discharged to spray disposal site.

D. Spray Disposal Area

Weekly, perform standard observations along the perimeter of spray disposal area:

1. Evidence of surface runoff from disposal site into areas other than the drainage ditch. (Show affected area on a sketch)
2. Odor: presence or absence, characterization, source and distance of travel.
3. Evidence of wastewater ponding.

III. REPORT TO BE FILED WITH THE REGIONAL BOARD

1. Violations of Requirements

In the event the discharger is unable to comply with the conditions of the waste discharge requirements and prohibitions due to:

- (a) maintenance work, power failures, or breakdown of waste treatment equipment, or
- (b) accidents caused by human error or negligence, or
- (c) other causes such as acts of nature,

the discharger shall notify the Regional Board office by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within to weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to prevent the problem from recurring.

In addition, if the non-compliance caused by items (a), (b) or (c), above is with respect to any of the effluent limits, the waste discharger shall promptly accelerate his monitoring program to analyze the discharge at least once every day for those constituents which have been violated. Such daily analyses shall continue until such time as the effluent limits have been attained, or until such time as the Executive Officer determines to be appropriate. The results of such monitoring shall be included in the regular Self-Monitoring Reports.

2. Bypass Reports

Bypass reporting shall be an integral part of regular monitoring program reporting and a report on bypassing of untreated waste or bypassing of any ponded water shall be made which will include cause, time and date, duration and estimated volume of waste bypassed, method used in eliminating volume, and persons (including Napa County Health) notified, for planned and/or unplanned bypasses. Notification to the Regional Board shall be made immediately by phone, followed by written correspondence within 15 days if a bypass occurs.

The discharger shall file a written technical report at least 15 days prior to advertising for bid on any construction project which would cause or aggravate the discharge of waste in violation of requirements; said report shall describe the nature, costs, and scheduling of all action necessary to preclude such discharge.

3. Self-Monitoring Reports

Written reports shall be filed regularly for each calendar month and submitted by the fifteenth day of the following month. The reports shall be comprised of the following:

a. Letter of Transmittal

A letter transmitting self-monitoring reports should accompany each report. Such a letter shall include a discussion of requirement violations found during the past months and actions taken or planned for correcting violations, such as plant operation modifications and/or plant facilities expansion. If the discharger has previously submitted a detailed time schedule for correcting requirement violations, a reference to the correspondence transmitting such schedule will be satisfactory. The letter shall contain a statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct.

b. Data Results

All results observed or analyzed in II.A, II.B, II.C and II.D.

c. List of Approved Analyses

1. Listing of analyses for which the discharger is approved by the State Department of Health.
2. List of analyses performed for the discharger by another approved laboratory currently or previously approved by the State Department of Health Service (and copies of reports signed by the laboratory director of that laboratory shall also be submitted as part of the report).

I, Roger B. James, Executive Officer, do hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 84-80.
2. Is effective on the date shown below.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger, and revisions will be ordered by the Executive Officer.

ROGER B. JAMES
Executive Officer

Effective Date _____